

Title (en)
Secondary Battery

Title (de)
Batterie secondaire

Title (fr)
Sekundärbatterie

Publication
EP 2312676 B1 20130529 (EN)

Application
EP 10157237 A 20100322

Priority
• US 25279809 P 20091019
• US 71565610 A 20100302

Abstract (en)
[origin: EP2312676A1] A secondary battery includes an electrolyte injection hole having an improved sealing structure. In the secondary battery, a sealing unit for sealing an injection hole of a cap plate is installed such that the sealing unit is aligned with or disposed below a top surface of the cap plate and thus does not protrude above the cap plate. Thus components adjacent to the cap plate such as a protection circuit module may be closely adhered to the cap plate, and a compact secondary battery may be manufactured and the volume utilization efficiency of the battery may be increased.

IPC 8 full level
H01M 50/184 (2021.01); **H01M 50/186** (2021.01); **H01M 50/191** (2021.01); **H01M 50/193** (2021.01); **H01M 50/195** (2021.01);
H01M 50/197 (2021.01); **H01M 50/645** (2021.01)

CPC (source: EP KR US)
H01M 50/184 (2021.01 - EP KR US); **H01M 50/186** (2021.01 - EP KR US); **H01M 50/19** (2021.01 - KR); **H01M 50/191** (2021.01 - EP US);
H01M 50/193 (2021.01 - EP US); **H01M 50/195** (2021.01 - EP US); **H01M 50/197** (2021.01 - EP US); **H01M 50/645** (2021.01 - EP KR US);
Y02E 60/10 (2013.01 - EP KR); **Y02P 70/50** (2015.11 - EP KR); **Y10T 29/4911** (2015.01 - EP US)

Cited by
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2312676 A1 20110420; **EP 2312676 B1 20130529**; CN 102044641 A 20110504; CN 102044641 B 20150401; JP 2011086622 A 20110428;
JP 5355523 B2 20131127; KR 101174892 B1 20120817; KR 20110043413 A 20110427; US 2011091765 A1 20110421

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